

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/031118 A1

(51) International Patent Classification⁷: F01B 1/06, 9/06

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(21) International Application Number:

PCT/BG2004/000019

(22) International Filing Date:

23 September 2004 (23.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

108200

25 September 2003 (25.09.2003)

BG

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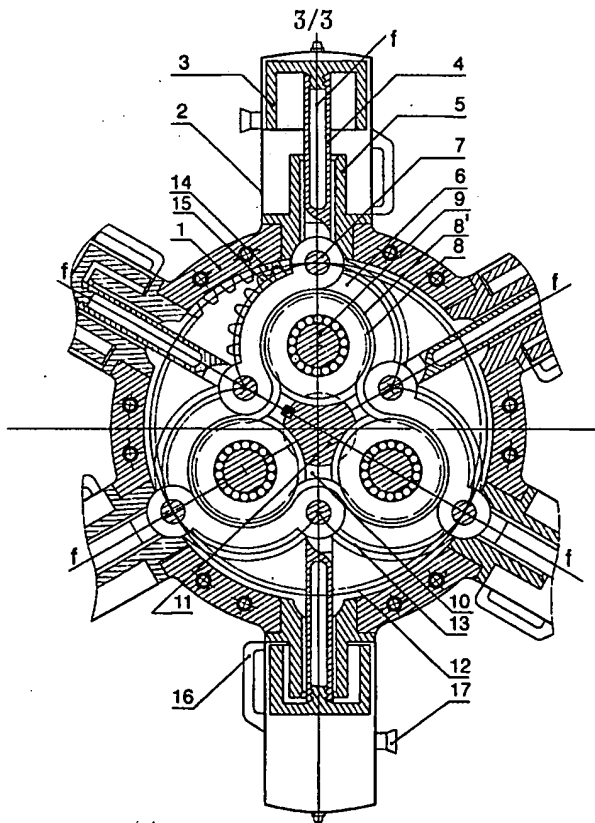
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: INTERNAL COMBUSTION ENGINE WITHOUT CONNECTING ROD AND A METHOD OF ITS CONSTRUCTION



(57) Abstract: The invention relates to the structure of internal combustion engine without a connecting rod and a method of its construction. The proposed method of construction describes the consecutive steps in creating the engine and allows the creation of internal combustion engine without a connecting rod with six and more even number of arc-like units (6) whereat the heating of the opposite arc-like units (6) in the center O_1 of the engine is removed. The complex mounting and dismounting of the engine shaft is eliminated too, because according to the invention the engine shaft is not articulated of several details, but it is whole, uncut. Besides, the possibility is obtained for a change of the revolutions of the engine shaft (11) without reductor in one and the same stroke frequency of the pistons (3) movement by changing only the number of working cylinders of the engine.

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SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

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